

Virus Transduction to hMSC (human mesenchymal stem cells)

1. Seed cells to be 70% confluent at a 75mL culture flask.
2. Withdraw culture medium from the 75mL culture flask.
3. Add the 5ml medium containing virus vector and 5mL low glucose DMEM medium to cells
4. Incubate for 12 hours in 37C°.
5. Withdraw vector-DMEM complex from culture flask.
6. Add 10ml low glucose DMEM medium containing 10% FBS to cells and incubate.
7. Observe the cells under Inverted fluorescence microscope.
8. Collect the hMSC modified after 96 hours.